

Makris, Susan

From: Makris, Susan
Sent: Friday, February 07, 2014 4:22 PM
To: Johnson, Paula D - (pauladj)
Subject: Description of methods for TCE study
Attachments: Johnson et al 2003.pdf; Dawson et al 1993.pdf; Johnson et al 1998a.pdf; Johnson to Makris_25 Aug 2008_EPA Requested Data 8-082.pdf; Johnson et al methods for reducing bias.docx

Hi Paula, Thanks for taking the time to talk with me about the TCE studies again. I tried to capture the points we discussed in the attached file. I've included a few questions for you. If you could take a look at this on Monday (or before), when you have some time, and then send comments or corrections back to me, I'd really appreciate it. It turns out that my internal (EPA) deadline on this issue is Tuesday.

I have also attached the relevant publications, so you can refer to them if necessary. The Johnson et al 2003 pdf also includes the "Errata" from 2005 on the last page; this is where the study dates are that have caused some people to think that the controls were not concurrent.

Additionally, I have been asked by a colleague to clarify the following questions about the fetal cardiac findings that you had sent to me previously (also attached here again, for your convenience):

Can we regard "VSD" with no other descriptor as:

1. Membranous
2. Muscular
3. Impossible to say

Also, are we correct in regarding sub-aortic and apical VSDs as membranous?

Again, I thank you! Sue

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